

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\  
 Data File : VV018702.D  
 Acq On : 06 Oct 2020 20:48  
 Operator : SY/MD  
 Sample : L4287-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AK2

Quant Time: Oct 07 07:52:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 07 07:22:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 169132   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 155563   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 73572    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 79171    | 79.82    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 159.64%# |
| 7) Chloroethane-d5             | 1.58    | 69    | 69173    | 84.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 168.68%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 134820   | 66.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 133.42%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 130766   | 176.74   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 176.74%# |
| 24) Chloroform-d               | 4.38    | 84    | 174130   | 81.18    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 162.36%# |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 118767   | 87.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 174.44%# |
| 32) Benzene-d6                 | 5.08    | 84    | 349233   | 88.63    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 177.26%# |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 93271    | 78.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 156.68%# |
| 41) Toluene-d8                 | 7.34    | 98    | 262213   | 70.73    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 141.46%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 46244    | 71.90    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 143.80%# |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 66937    | 148.02   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 148.02%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 110871   | 70.24    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 140.48%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 107509   | 75.98    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 151.96%# |

## Target Compounds

|                               |       |     |          |           | Ovalue    |
|-------------------------------|-------|-----|----------|-----------|-----------|
| 5) Vinyl chloride             | 1.32  | 62  | 9379     | 7.249     | ug/L 92   |
| 12) 1,1-Dichloroethene        | 2.14  | 96  | 21077    | 19.963    | ug/L # 20 |
| 17) trans-1,2-Dichloroethene  | 2.78  | 96  | 151014   | 124.999   | ug/L 96   |
| 20) cis-1,2-Dichloroethene    | 3.94  | 96  | 5723115  | 4457.463  | ug/L 92   |
| 34) Trichloroethene           | 5.94  | 95  | 3549728  | 2675.380  | ug/L 94   |
| 42) Toluene                   | 7.42  | 91  | 4577     | 0.926     | ug/L 97   |
| 46) Tetrachloroethene         | 8.02  | 164 | 11932438 | 11085.339 | ug/L 87   |
| 58) 1,1,2,2-Tetrachloroethane | 10.26 | 83  | 8251     | 5.043     | ug/L # 95 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\  
Data File : VV018702.D  
Acq On : 06 Oct 2020 20:48  
Operator : SY/MD  
Sample : L4287-04  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AK2

Quant Time: Oct 07 07:52:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 07 07:22:30 2020  
Response via : Initial Calibration

